

RENEWABLE ENERGY

2016 - 2017



Boulder Solar 1 & 2

150 Megawatts

Eldorado Valley, Nevada

Operational 2017



Nellis Solar Array 2
Owned by NV Energy

Surprise! NV Energy's Clean Energy Commitment

Recent research shows that NV Energy's customers are starting to become more aware of the company's clean-energy commitment. It's an added surprise when they learn that much of their energy needs are met by 42 renewable energy power plants throughout Nevada and coal-fueled resources only represent 8 percent of the company's generation.

In total, more than 1,900 megawatts of renewable energy in Nevada have been built or secured exclusively for NV Energy customers. Nevada is blessed with a rich diversity of renewable energy – as the energy needs of customers are met by 19 geothermal energy plants, 12 solar energy resources, six hydro facilities, four biomass or methane projects, one large windfarm and one energy recovery station. Additionally, NV Energy has financially supported more than 19,000 private rooftop solar installations at homes, schools, civic buildings nonprofits and businesses. If all of these renewable energy resources were

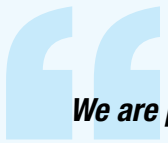
producing their nameplate capacity at the same time, it would be enough energy to serve more than a million average homes in Nevada.

MORE RENEWABLE ENERGY ON THE WAY

NV Energy continues to be a leader in securing renewable energy for its customers. In fact, the Washington D.C.-based Smart Electric Power Alliance ranked NV Energy as the 7th top investor-owned utility for its annual solar growth in 2015.

Next on the renewable energy growth horizon are three universal-scale solar energy projects for NV Energy customers. All three are in southern Nevada – two in Boulder City's Eldorado Valley and the third is located north of Las Vegas in the Dry Lake Solar Energy Zone.

The first to be completed and operational is expected to be the 150-megawatt Boulder Solar I and II project, which will be the second largest single renewable energy resource to



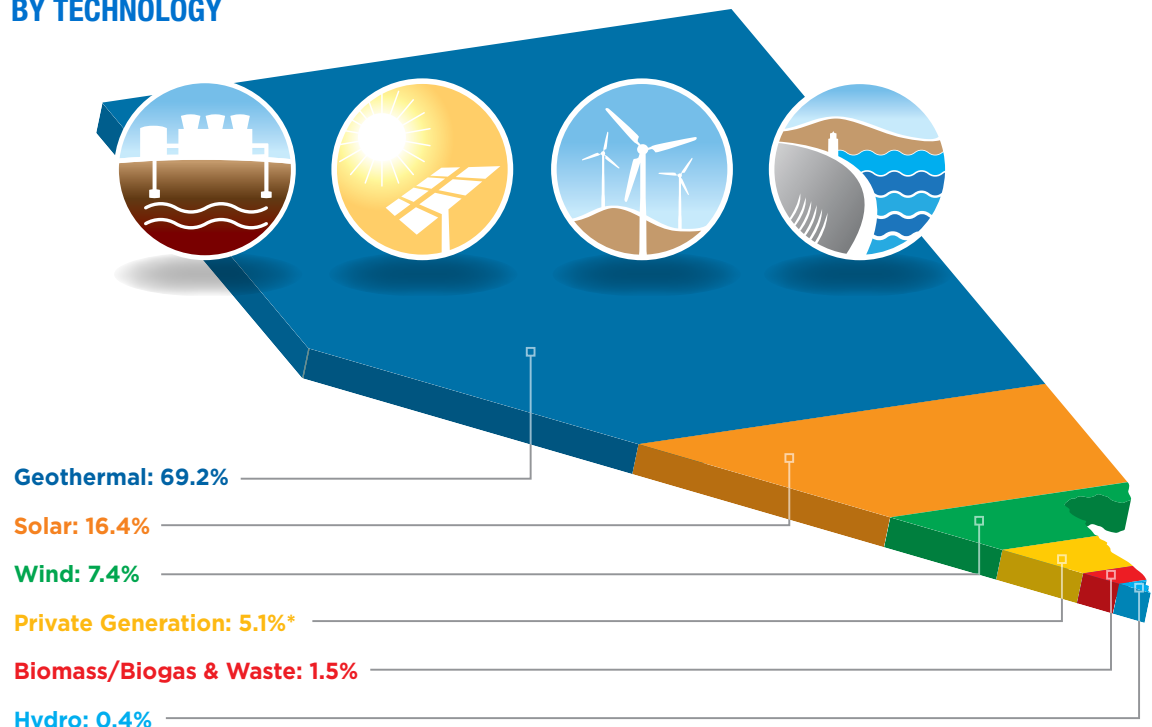
We are proud of the fact that we have increased renewable energy, reduced coal generation, and kept our prices lower than they were in 2007.

Paul Caudill
NV Energy, President & CEO



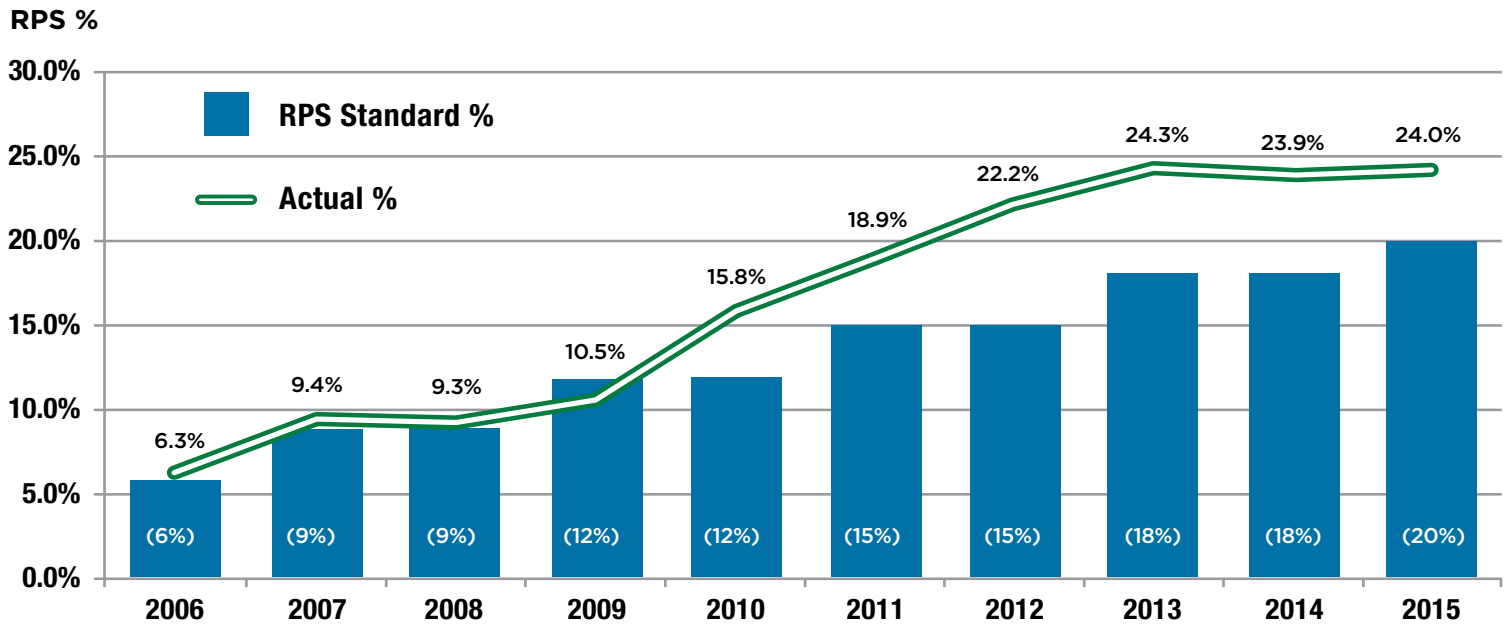
McGinness Hills Geothermal
Lander County, Nevada

2015 RENEWABLE PORTFOLIO CREDITS BY TECHNOLOGY



*Private Generation includes solar, wind, and hydro systems installed at a customer locations.

NV ENERGY RENEWABLE PORTFOLIO STANDARD COMPLIANCE



benefit NV Energy customers. Boulder Solar is using highly efficient single-axis solar photovoltaic panels that track the sun across the sky. Construction began in December 2015 and project completion is scheduled for late 2016. More than 200 workers have been on site to build the solar panels and connect the project to NV Energy's electricity grid.

The 179-megawatt Switch Station 1 & 2 is also under construction. Located north of Las Vegas, it will be the largest single renewable energy resource in NV Energy's renewable energy portfolio. This project will use the latest single-axis solar photovoltaic panel technology and is expected to employ 400 workers at the peak of construction.

The 100-megawatt Techren Solar Energy Project in Eldorado Valley is the latest large-scale solar resource to be proposed for NV Energy customers. Subject to regulatory approval, this project will be one of the lowest-cost solar energy resources in the nation at about four cents per kilowatt-hour for the life of the 25-year agreement. This means that the cost of solar photovoltaic energy when producing is comparable to natural gas generation. Construction on the Techren Solar Energy Project is scheduled to commence sometime in 2017, and the project is expected to be operational in the fourth quarter of 2018. Two local unions of the International Brotherhood of Electrical Workers have already signed work-site agreements with Techren Solar.

Through the NV GreenEnergy Rider program, these new cost-effective renewable energy projects also can be used to help large customers achieve their desire to be served exclusively by renewable energy resources.

CUSTOMERS BENEFITTING FROM SOLAR ENERGY STORAGE

Thanks to the 110-megawatt Crescent Dunes Solar project with molten salt storage, customers are now benefitting from the sun's energy during the evening and nighttime hours. The plant, which is owned by SolarReserve and located near Tonopah, Nevada, has the capability to store the sun's energy and deliver its full output for up to 10 hours.

NV ENERGY IS EXCEEDING LEGISLATED REQUIREMENT FOR RENEWABLE ENERGY

Nevada's 2015-2019 Renewable Portfolio Standard sits at 20 percent. In its most recent Renewable Portfolio Standard Annual Report, NV Energy reported that its northern Nevada customers benefitted from a 31.3 percent level and southern Nevada achieved a 21.2 percent Renewable Portfolio Standard. NV Energy is well on its way to achieve the required 25 percent by 2025.

PRIVATE ROOFTOP SOLAR CONTINUES TO GROW IN NEVADA

NV Energy supports the ability for customers to install private net metered generation and has operated the legislatively created RenewableGenerations program for more than a decade to support these choices. Customers can still choose to install their own systems today, and there is no limit to how many systems can be installed. In total, NV Energy has contributed nearly \$250 million directly to customers for more than 19,000 projects at homes, schools, nonprofits, public buildings and specific low-income opportunities.

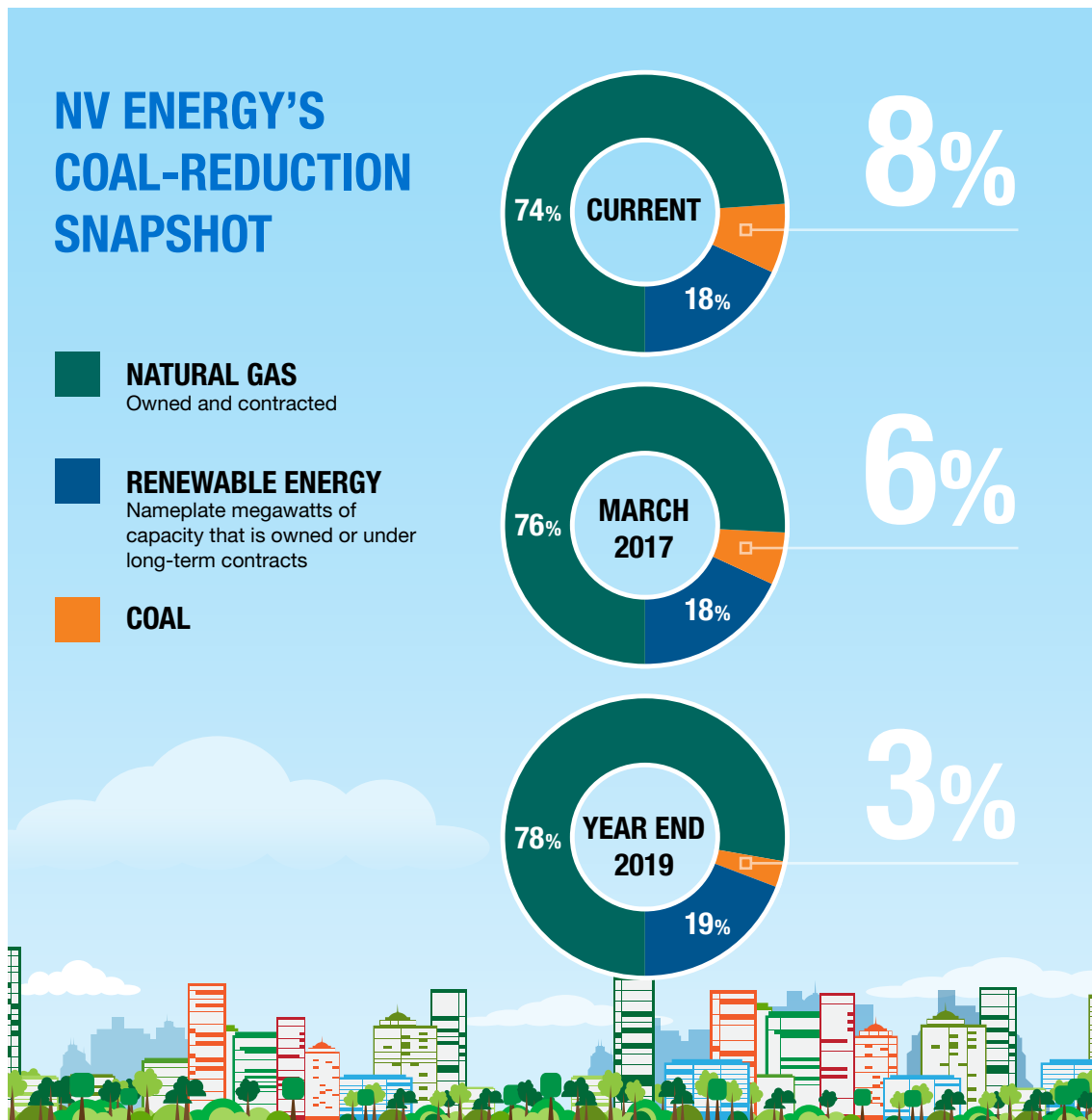
Renewable Energy Growing; Coal Generation Declining

NV Energy continues to transform its fuel mix from coal-fueled generation to renewable energy and cleaner-burning natural gas generating resources. The company's transformation allows for a structured and orderly retirement of coal-fueled generation in southern Nevada and replacing that generation with renewable energy and natural gas-fueled resources.

NV Energy retired the first three generating units at the Reid Gardner Generating Station at the end of 2014 and – subject to regulatory approval – plans to retire the remaining 257-megawatt unit at Reid Gardner on February, 28, 2017. The company also is exiting its participation in Arizona's Navajo Generating Station by the end of 2019. The Public Utilities Commission of Nevada approved a 2025 retirement date for the North Valmy Generating Station in north/central Nevada, which is co-owned by Idaho Power Company.



Goodsprings Energy Recovery Station
Owned by NV Energy
Goodsprings, Nevada



Coal was once the dominant fuel for power generation in Nevada, but today only represents 8 percent of NV Energy's generating resources. By the end of 2019, coal will no longer be in use in southern Nevada and will represent less than 3 percent of NV Energy's generating capacity throughout the state.

“**Washington D.C.-based Smart Electric Power Alliance (SEPA) ranked NV Energy as nation's 7th top energy company for solar energy installations.**”



Spring Valley Wind
White Pine County, Nevada



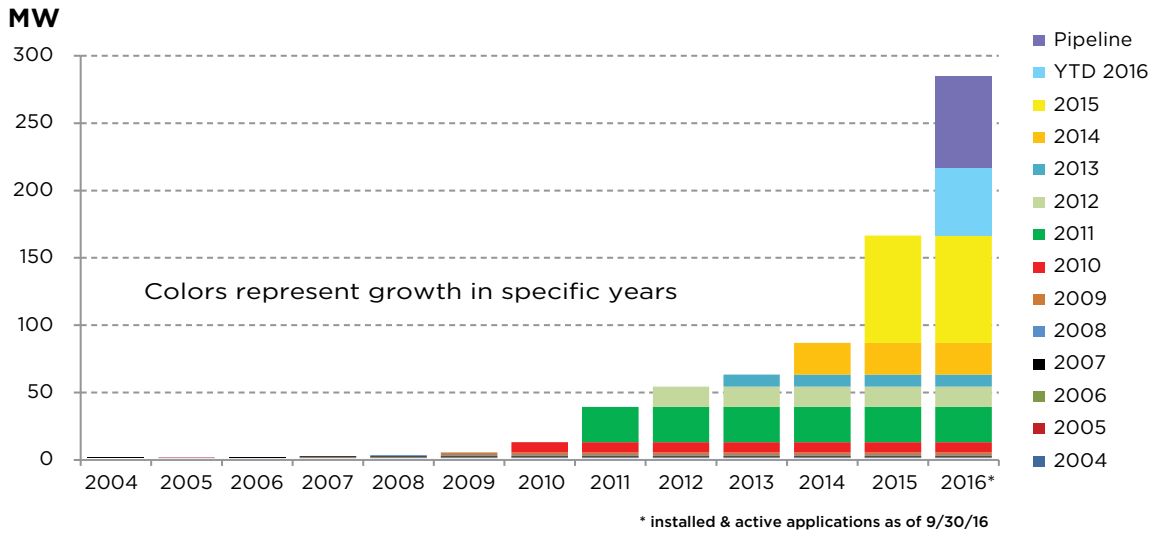
RenewableGenerations Continues to Fund Private Rooftop Solar

NV Energy has been helping to fund a variety of renewable energy installations at customer locations for more than a decade. These opportunities include rooftop solar systems at customer homes or business, wind turbines at remote ranch operations, small hydro installations for agricultural applications, and even solar water heating opportunities for customers.

SolarGenerations
Private rooftop solar
Las Vegas, Nevada

NV Energy's RenewableGenerations Program has contributed nearly \$250 million for more than 19,000 private renewable energy projects at customer locations throughout Nevada.

INSTALLED PRIVATE GENERATION CAPACITY



With numerous solar energy companies operating in Nevada and utilizing RenewableGenerations incentives, the Nevada Legislature's 2021 goal of achieving 250 megawatts of private solar capacity is now in sight and could be achieved sooner than expected.

RENEWABLE ENERGY AND SCHOOLS

Thousands of Nevada students better understand renewable energy, how it works, how it helps their schools save energy costs and improve the environment.

More than \$110 million in RenewableGenerations rebates have been shared with 300 schools throughout the state. Lowering school energy bills certainly helps stretch Nevada's educational budget, but the greatest benefit may be future ideas that will come from the next generation of Nevadans.

RENEWABLEGENERATIONS OPPORTUNITIES STILL AVAILABLE

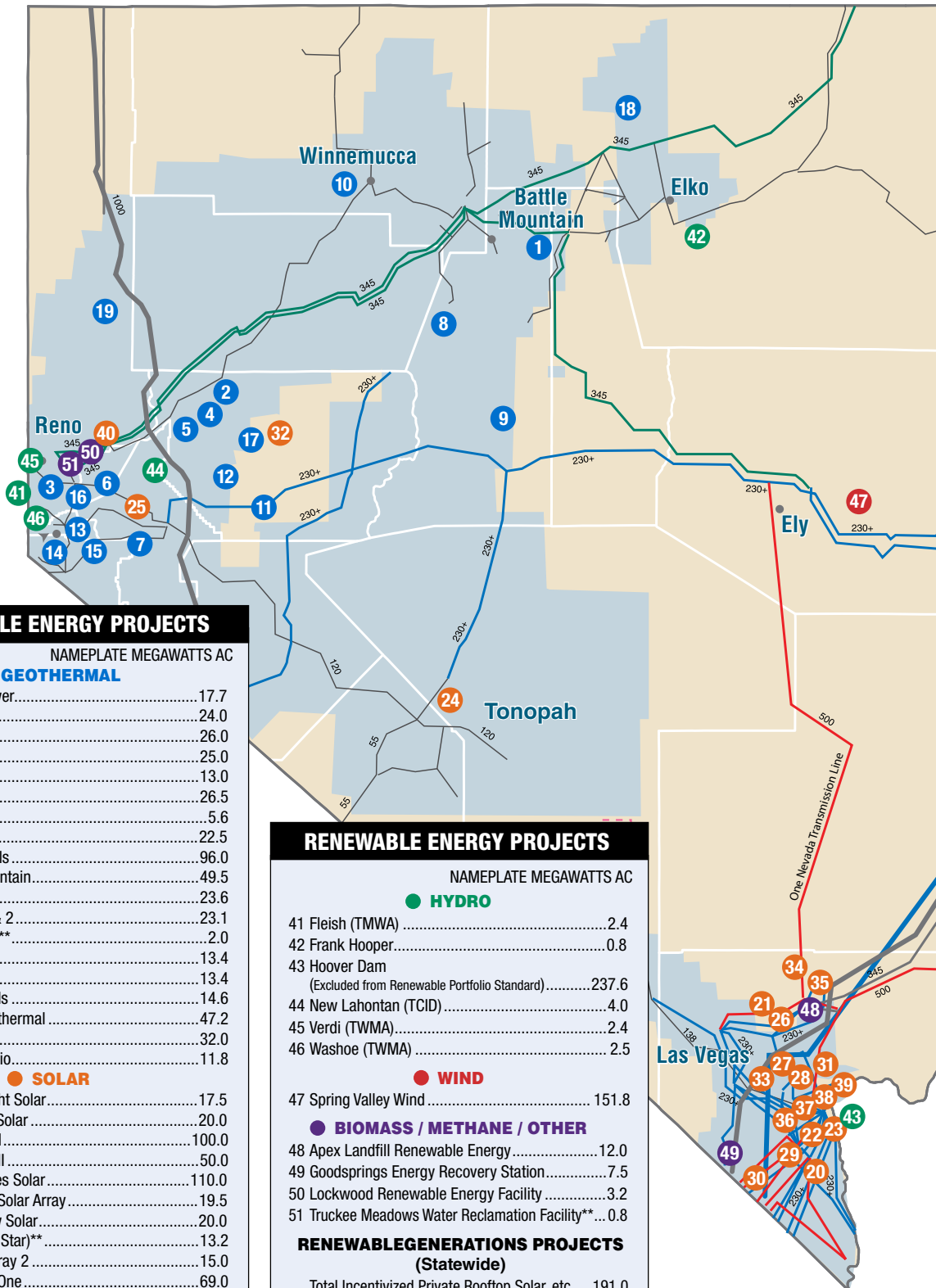
NV Energy is still accepting applications for incentive programs that can help customers reduce the cost of installing private solar, wind and hydro power systems. Applications will be accepted on a continual basis until funding is exhausted. For more information, visit www.nvenergy.com/renewablegenerations.



WindGenerations
Agricultural wind turbine
Lander County, Nevada

RenewableGenerations is the renewable energy incentive program administered by NV Energy under the laws of the Nevada Legislature and regulated by the Public Utilities Commission of Nevada. For more information, visit: nvenergy.com/renewablegenerations

NV Energy's Clean Energy Commitment



RENEWABLE ENERGY PROJECTS

NAMEPLATE MEGAWATTS AC

● GEOTHERMAL

1 Beowawe Power.....	17.7
2 Brady	24.0
3 Burdette	26.0
4 Desert Peak 2	25.0
5 Galena 2	13.0
6 Galena 3	26.5
7 Homestretch	5.6
8 Jersey Valley	22.5
9 McGinness Hills	96.0
10 NGP Blue Mountain	49.5
11 Salt Wells	23.6
12 Soda Lake 1 & 2	23.1
13 Steamboat 1A**	2.0
14 Steamboat 2	13.4
15 Steamboat 3	13.4
16 Steamboat Hills	14.6
17 Stillwater Geothermal	47.2
18 Tuscarora	32.0
19 USG San Emidio	11.8

● SOLAR

20 ACE Searchlight Solar	17.5
21 Apex Nevada Solar	20.0
22 Boulder Solar I	100.0
23 Boulder Solar II	50.0
24 Crescent Dunes Solar	110.0
25 Fort Churchill Solar Array	19.5
26 Mountain View Solar	20.0
27 Nellis 1 (Solar Star)**	13.2
28 Nellis Solar Array 2	15.0
29 Nevada Solar One	69.0
30 Silver State Solar North	52.0
31 Spectrum Nevada Solar	30.0
32 Stillwater Solar PV	22.0
33 SunPower (Las Vegas Valley Water District)**	3.0
34 Switch Station 1	100.0
35 Switch Station 2	79.0
36 Techren Solar 1*	100.0
37 Techren Solar 2*	200.0
38 Techren Solar 3*	25.0
39 Techren Solar 4*	25.0
40 Turquoise Solar*	50.0

RENEWABLE ENERGY PROJECTS

NAMEPLATE MEGAWATTS AC

● HYDRO

41 Fleish (TMWA)	2.4
42 Frank Hooper	0.8
43 Hoover Dam (Excluded from Renewable Portfolio Standard)	237.6
44 New Lahontan (TCID)	4.0
45 Verdi (TWMA)	2.4
46 Washoe (TWMA)	2.5

● WIND

47 Spring Valley Wind	151.8
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● BIOMASS / METHANE / OTHER

48 Apex Landfill Renewable Energy	12.0
49 Goodsprings Energy Recovery Station	7.5
50 Lockwood Renewable Energy Facility	3.2
51 Truckee Meadows Water Reclamation Facility**	0.8

RENEWABLEGENERATIONS PROJECTS (Statewide)

Total Incentivized Private Rooftop Solar, etc. ... 191.0

Total NV Energy Clean Energy Resources (MW).....2,223.1

ENERGY EFFICIENCY

Peak Demand Reduction
Statewide 519 Megawatts
Calculated for Years 2005 through 2017

* Pending regulatory approval, in development or under construction.
** Portfolio credits only

